

In the Specification

Please replace the paragraph beginning at page 2, line 4 with the following rewritten paragraph:

(4) a central processing unit 17 will process the packet via the memory controller 15 to ~~accomplishing~~ accomplish the functions of a router and a firewall;

Please replace the paragraph beginning at page 2, line 17 with the following rewritten paragraph:

As can be seen in Fig. 1 and Fig. 2, the conventional gateway shown needs two different internal components and performing method to transport packets between the WAN and the LAN. Moreover, the conformations and the circuit designs in the conventional gateway are too complicated for users to regulate the performing state when the gateway apparatus is operated in an actual transporting situation.

Please replace the paragraph beginning at page 4, line 23 with the following rewritten paragraph:

Fig. 3 is a schematic block diagram illustrating the function and the connection of a gateway apparatus according to the preferred embodiment of the present invention[[:]].

Please replace the paragraph beginning at page 5, line 11 with the following rewritten paragraph:

The descriptions described below illustrate a situation ~~that~~ in which input/output port 301 and input/output port 302 is are defined as the ports in the WAN and LAN. When a packet is received to be transported from the LAN to the WAN, the operating method according to the present invention could include the following steps:

Please replace the paragraph beginning at page 6, line 8 with the following rewritten paragraph:

On the other hand, when the input/output port 301 and input/output port 302 ~~is~~ are respectively defined as the ports in the WAN and LAN and a packet is received to be transported from the WAN to the LAN, ~~and~~ the operating method could include the following steps:

Please replace the paragraph beginning at page 7, line 13 with the following rewritten paragraph:

While the invention has been described in terms of what are presently considered to be the most practical and preferred embodiments, it is to be understood that the invention needs not be limited to the disclose embodiments. On the contrary, it is ~~tented~~ intended to cover various modification and similar arrangements included within the spirit and scope of the appended claims which are be accorded with the broadest interpretation so as to encompass all such modifications and similar structure.

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